





Option 1: transistor level SPICE Pros IC manufacturer can use the internal models that were developed from the Silicon. Cons - Encryption is required to hide the IP. Each EDA vendor has their own encryption package and proprietary foibles in their transistor primitives - Simulation will be slow compared to IBIS or AMS - Complicated models are prone to bugs. Implementing flexible measurements in the model (e.g. the new dynamic overshoot) is too difficult. To solve the overall problem we would have to add a comprehensive measurement language to IBIS GMenter Challenges in Behavior and Measurement, IBIS Open Forum, February 2006. Copyright © Mentor Graphics 2006

